SANTO

Refrigerator
Frigoríficos electrónicos
Refrigeradores electrónicos

Operating Instructions
Instrucciones para el uso
Instruções de utilização

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Dear customer,

Before placing your new refrigerator into operation please read these operating instructions carefully. They contain important information for safe use, for installation and for care of the appliance.

Please keep these operating instructions for future reference. Pass them on to possible new owners of the appliance.

These operating instructions describe the refrigerator part of your side-by-side combination fridge-freezer.

Notes which are important for your safety or for the proper functioning of the appliance are stressed with a warning triangle and/or with signal words **(Warning!, Caution!, Important!)**. Please observe the following carefully.

☞ **1.** This symbol and numbered instructions guide you step by step in the operation of the appliance.

2. .....

Supplementary information regarding operation and practical uses of the appliance appear after this symbol.

Tips and notes concerning economical and environmentally sound use of the appliance are marked with the cloverleaf.

Explanations of the technical terminology used in the operating instructions can be found at the end in the section "Technical Terminology".

The operating instructions contain instructions for the correction of possible malfunctions by the user in the section "What to do if ...". If these instructions should not be sufficient, please contact your local AEG Service Force Centre.

Printed on paper manufactured with environmentally sound processes.
he who thinks ecologically acts accordingly ...

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⚠ Important Safety Instructions

The safety aspects of our refrigerators comply with accepted technical standards and the German Appliance Safety Law. Nevertheless, we consider it our obligation to make you aware of the following safety information:

Intended use

- The refrigerator is intended for use in the home. It is suitable for the storing of food at low temperature. If the appliance is used for purposes other than those intended or used incorrectly, no liability can be accepted by the manufacturer for any damage that may be caused.
- Alterations or changes to the refrigerator are not permitted for reasons of safety.
- If you use the refrigerator in a commercial application or for purposes other than the cooling of foods, please observe all valid legal regulations for your application.

Prior to initial start–up

- Check the refrigerator for transport damage. Under no circumstance should a damaged appliance be plugged in! In the event of damage, please contact your retailer.

Refrigerant

The refrigerant isobutane (R600a) is contained within the refrigerant circuit of the appliance, a natural gas with a high level of environmental compatibility, which is nevertheless flammable.

- **Warning -** During transportation and installation of the appliance, be certain that none of the components of the refrigerant circuit become damaged.
- If the refrigerant circuit should become damaged:
  – avoid open flames and sources of ignition;
  – thoroughly ventilate the room in which the appliance is situated.

Safety of children

- Packaging (e.g. wraps, polystyrene) can be dangerous for children. There is a risk of suffocation! Keep packaging material away from children!

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- Please make old appliances unusable prior to disposal. Pull out the mains plug, cut off the mains cable, break or remove spring or bolt catches, if fitted. By doing this you ensure that children cannot lock themselves in the fridge when playing (there is risk of suffocation!) or get themselves into other dangerous situations.
- Often children cannot recognise the hazards present in household appliances. It is therefore important that you ensure adequate supervision and never let children play with the appliance!

Daily Operation

- Containers with flammable gases or liquids can leak at low temperatures. There is a risk of an explosion! Do not store any containers with flammable materials such as, for example, spray cans, fire extinguisher refill cartridges etc in the refrigerator.
- **Warning** - Do not operate any electrical appliances in the refrigerator (e.g. electric ice cream makers, mixers etc.) unless they have been authorised by the manufacturer.
- **Warning -** In order not to impair the function of the appliance, never cover or obstruct the ventilation openings.
- **Warning** - Do not use any mechanical devices or other artificial means to speed up defrosting unless they are recommended by the manufacturer.
- Before cleaning the appliance, always switch off the appliance and unplug it, or pull the house fuse or switch off the circuit breaker.
- When unplugging always pull the plug from the mains socket, do not pull on the cable.

In case of malfunction

- If the a malfunction occurs on the appliance, please look first in the "What to do if ..." section of these instructions. If the information given there does not help, please do not perform any further repairs yourself.
- Refrigerators may only be repaired by qualified service engineers. Improper repairs can give rise to significant hazards. If your appliance needs repairing, please contact your local AEG Service Force Centre.

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Environmental Information

Packaging material

The packaging materials are environmentally friendly and can be recycled. The plastic components are identified by markings, e.g. >PE<, >PS<, etc. Please dispose of the packaging materials in the appropriate container at the community waste disposal facilities.

Old appliance

The symbol on the product or on its packaging indicates that this product may not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

Warning! Before disposing of old appliances make them inoperable. Remove plug from mains, sever the power cable, remove or destroy any snap or latch closures. This eliminates the danger that playing children lock themselves into the appliance (danger of suffocation!) or place themselves into other life-endangering situations.

When disposing of your old appliance:

- The appliance may not be disposed of with domestic waste or bulky refuse.
- The refrigerant circuit, especially the heat exchanger at the back of the appliance, may not be damaged.
- Information concerning collection schedules or locations can be obtained from the local disposal authorities or town hall.

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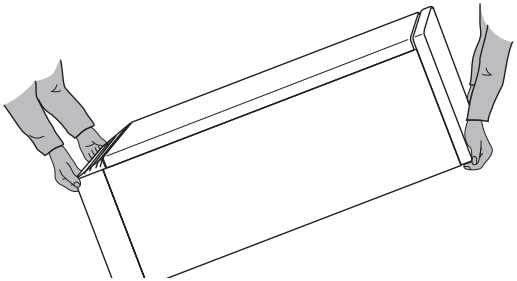
Appliance Transport

Two persons are required for transport of the appliance. There are two recessed handles at the front of the base and at the back of the appliance at the top for improved gripping.

☞ **1.** Grip the appliance with the recessed handles positioned as in the drawing, and transport the appliance.



2. In order to push the appliance into its final position, press carefully at the top of the door and tip the appliance back slightly. The weight is thus transferred to the back wheels and the appliance can be easily pushed.

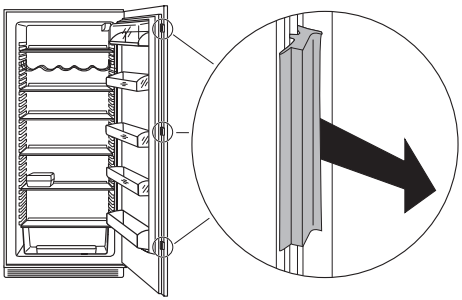
Before Use

Packaging

☞ **1.** Remove all adhesive tape and packaging from the interior of the appliance.

ℹ Any remnants of adhesive can be removed with white spirit.

2. Remove the transport protection pieces and pull off the adhesive tape.



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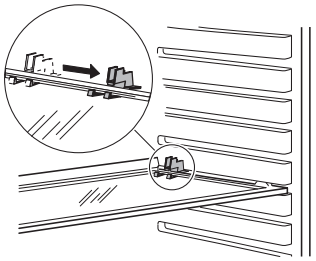
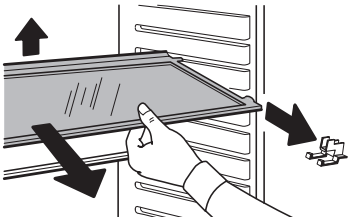
3. Wash the inside of the appliance with lukewarm water with a little bicarbonate of soda added (5 ml to 0.5 litre of water). Do not use soap or detergent as the smell may linger. Dry the appliance thoroughly.
Remove the transport fittings from the storage shelves:
4. Slide the fittings securing the shelf forward to the thicker section on the edge of the storage shelf.
5. Slide the storage shelf far enough forward so that it can be hinged downwards and the fittings can be removed from the guides.





Installation

The position of the freezer part and the fridge part in the combination fridge-freezer can be decided by the customer. However the final assembly of the appliance or a later change in the position of the freezer and fridge must be carried out by the AEG Customer Care Department.

Installation Location

The appliance should be installed in a well ventilated, dry room.
Energy use and efficient performance of the appliance is affected by the ambient temperature.
The appliance should therefore
– not be exposed to direct sunlight;
– not be installed next to radiators, cookers or other sources of heat;
– only be installed at a location whose ambient temperature corresponds to the climate classification, for which the appliance is designed.

The climate classification can be found on the rating plate, which is located at the left on the inside of the appliance.

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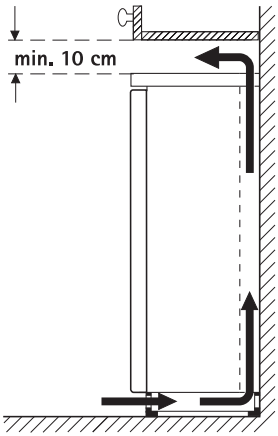
The following table shows which ambient temperature is correct for each climate classification:

Climate classification	for an ambient temperature of
SN	+10 to +32 °C
N	+16 to +32 °C
ST	+18 to +38 °C
T	+18 to +43 °C

If installation next to a source of heat is unavoidable, the following minimum clearances must be maintained at the sides of the appliance:
– for electric cookers 3 cm;
– for oil and coal fired ranges 30 cm.
If these clearances cannot be maintained a heat insulating pad is required between the cooker and the refrigeration appliance.

The Refrigerator needs Ventilation

Air is fed under the door through the vent slots in the base and is exhausted upwards along the back wall. To ensure proper air circulation never cover or alter the vent openings.



Important! If the appliance is installed under a hanging cabinet, a clearance of at least 10 cm between the top of the appliance and the cabinet above it must be maintained.

Please check whether, after installing your appliance and especially after rehingeing the door, the door seal seals right round. An untight door seal may lead to heavy frosting and a higher power consumption (see also "Something not working").

Appliance Alignment

☞ **1.** The appliance level please compensate for unevenness in the floor by turning the two adjustable feet at the front.

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Electrical Connection

Before initial start-up, refer to the appliance rating plate to ascertain if supply voltage and current values correspond with those of the mains at the installation location.

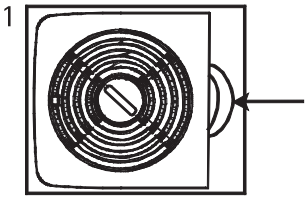
e.g.: AC 220 ... 240 V 50 Hz or
220 ... 240 V~50 Hz

(i.e. 220 to 240 volts alternating current, 50 Hertz)
The rating plate is inside the appliance on the left.
A correctly installed, earthed socket is required for the electrical supply.
The supply must have a fuse rating of at least 10 Amps.
If the socket is not accessible once the appliance is built in, the electrical installation must include suitable means of isolating the appliance from the mains (e.g. fuse, cut-out, current trip or similar with a minimum contact separation of 3 mm).

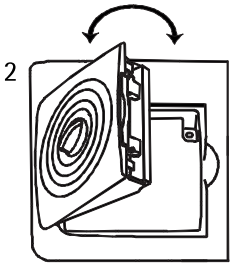
Warning: To avoid potential danger, if the mains connection lead of this appliance is damaged, it must be replaced by our customer service representative or a person with similar qualifications.

Installation of the carbon filter

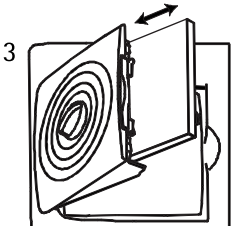
On delivery the carbon filter is placed in a plastic bag to secure the length of life of the carbon filter. The filter should be placed behind the grill before the cabinet is turned on.



☞ **1.** The cover can be opened by simultaneously pressing the lever on the right of grill (1) and turning the cover outward (2).



2. The carbon filter is then mounted in the slot found in the back of the cover (3).



⚠ The filter should be handled carefully so fragments don´t loosen from the surface.

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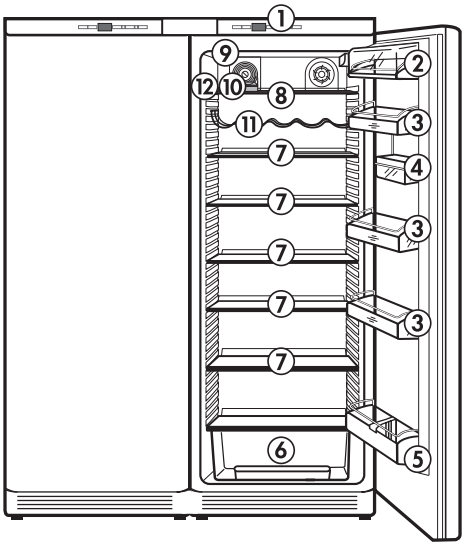
Appliance Description

View of Appliance



① Control panel
② Butter and cheese compartment with lid
③ Door storage compartments
④ Variable storage box
⑤ Bottle compartment
⑥ Fruit and vegetable drawer
⑦ Shelves
⑧ Quick chill shelf
⑨ Grid
⑩ Bottle and can holder
⑪ Bottle rack
⑫ Rating plate

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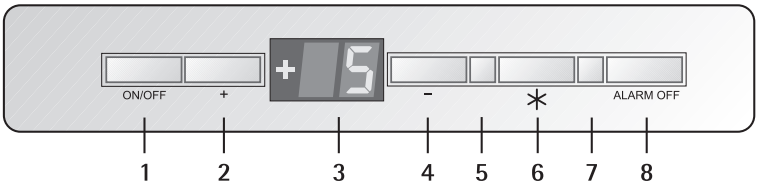
Control Panel



1 ON/OFF button
2 Button for adjusting the temperature (for warmer temperatures)
3 Temperature display
4 Button for adjusting the temperature (for colder temperatures)
5 COOLMATIC indicator light (yellow)
6 COOLMATIC button
7 Warning indicator light (red)
8 WARNING OFF button (see „Control- and information system")

Buttons for Adjusting the Temperature

The temperature is adjusted using the „+" (WARMER) and „-" (COLDER) buttons.

These buttons are connected to the temperature display.

- The temperature display is switched over from the display of the ACTUAL temperature (Temperature display is illuminated) to the display of the DESIRED temperature (Temperature display flashes) by pressing one of the two buttons, „+" (WARMER) or „-" (COLDER).
- Each time one of the two buttons is pressed again the DESIRED temperature is adjusted by 1 °C.
- If neither button is pressed, the temperature display automatically switches back after a short period (approx. 5 sec.) to the display of the ACTUAL temperature.

DESIRED temperature means:
The temperature that is required in the refrigerator compartment. The DESIRED temperature is indicated by flashing numbers.

ACTUAL temperature means:
The temperature display indicates the temperature that is currently present in the refrigerator compartment. The ACTUAL temperature is indicated with illuminated numbers.

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Temperature Display

The temperature display can indicate several pieces of information.

- During normal operation, the temperature currently present in the refrigerator (ACTUAL temperature) is displayed.
- When the temperature is being adjusted a flashing display indicates the fridge compartment temperature currently set (DESIRED temperature).
- If there is a fault in the appliance the temperature display shows a square in the upper part of the temperature display.

COOLMATIC button

The COOLMATIC function is suited for quick cooling of large quantities of goods in the refrigerator, e.g. drinks and salads for a party.

☞ **1.** The COOLMATIC function is switched on by pressing the COOLMATIC button. The yellow light illuminates.
The COOLMATIC function now provides for intensive cooling. A DESIRED temperature of +2 °C is automatically selected. The COOLMATIC function is ended automatically after a period of 6 hours. The originally selected DESIRED temperature is again valid. The temperature display shows the ACTUAL refrigerator temperature.

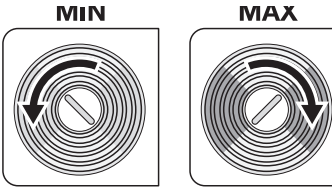
2. The COOLMATIC function can be ended manually at any time by pressing the COOLMATIC button again. The yellow light goes out.

Quick chill

The quick chill function can be used for the fast cooling of drinks in cans or bottles in the fast cool storage tray or of larger amounts of room-temperature food. The built-in charcoal filter reduces the development of any smell.

Chilling of cans or bottles

Place cans or bottles in the holder on the fast cool storage tray in front of the fan grille. Turn the fan regulator to maximum and press the COOLMATIC button.
The yellow indicator light comes on.



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Chilling of food

Place the food in the fridge.
Open the fan regulator to maximum and press the COOLMATIC button. The yellow indicator light comes on.

When the drinks or the food is sufficiently cooled, press the COOLMATIC button again. The yellow indicator light goes out. Set the fan regulator to the minimum position.

When this function has been activated, forced air will chill the groceries, and the temperature in the cabinet reset to +2 °C. After 6 hours the COOLMATIC function is ended automatically. The yellow light goes out. Turn the air regulator to its minimum position.

WARNING OFF button

With the WARNING OFF button, the acoustic warning signal can be switched off, e.g. the "Open Door" warning when sorting in or out the food to be stored.

Prior to Initial Start-Up

Before connecting the appliance to the mains and putting it into operation for the first time, leave the appliance to stand for 30 minutes if was transported upright. After transport on its side, the appliance must be left to stand for 4 hours before putting it into operation. This is necessary to allow the oil to flow back into the compressor. Otherwise the compressor may be damaged.

☞ **1.** Please clean the appliance interior and all accessories prior to initial start-up (see section: "Maintenance and Cleaning").

Initial Start-Up

☞ **1.** Insert plug into mains socket.

2. Press ON/OFF button.

3. Set the refrigerator to the desired temperature (see section: "Temperature Adjustment").

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Temperature Adjustment

With the buttons for temperature adjustment the desired temperatures in the refrigerator can be adjusted.

☞ **1.** Press either the „+" (WARMER) or „-" (COLDER) button.
The temperature display switches over and the DESIRED temperature currently set flashes on the temperature display.

2. To adjust to a warmer temperature, press the „+" (WARMER) button. To adjust to a colder temperature, press the „-" (COLDER) button. The changed setting is immediately displayed on the temperature display.

Each time the button is pressed the temperature is adjusted by 1 °C.
Adjustable temperature range: +2 °C to +8 °C, +15 °C (Holiday mode)

Note: From a food science point of view, +5 °C for the refrigerator compartment should be considered cold enough as a storage temperature.

When the buttons are not further pressed after an adjustment has been made, after a short period (approx. 5 sec.) the temperature display switches over and again displays the ACTUAL temperature in the refrigerator. The display changes from flashing to continuous illumination.

The compressor will start and then run automatically.
Information! When the setting is changed, the compressor does not start immediately if automatic defrosting is currently taking place.

Goods to be refrigerated can be loaded immediately after switching on, because the storage temperature in the refrigerator is quickly reached.

Switching the Appliance off

☞ **1.** To switch off, hold down the ON/OFF button for approx. 5 seconds. This will result in a countdown from "3" to "1" taking place in the temperature display. On reaching "1" the fridge will switch off. The temperature display will go off.

Note:
The appliance cannot be switched on or off if unplugged, or if there is no power being supplied to it.
Following connection to the mains power supply, the appliance returns to the same operating state as before the interruption of main power.

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If the appliance is to be removed from service for a lengthy period:

☞ **1.** Switch off the appliance, to do this press the ON/OFF button until the display extinguishes (see above).

2. Remove the mains plug or switch off.

3. Clean the appliance thoroughly (see section: "Maintenance and Cleaning").

4. Leave door open to avoid accumulation of odours.

Holiday Mode

In the holiday mode the temperature for the refrigerator is approximately +15 °C. In the holiday mode it is therefore possible to leave the door of the empty refrigerator closed during periods of extended absence. Advantage: Unintentional closing of the door, or accidental closing of the door by persons who have access to your home during your absence, is no longer possible. Without the holiday mode leaving the door closed would lead to the accumulation of odours and mould.

After emptying and cleaning the appliance, proceed as follows:

☞ **1.** To set the holiday mode, press the „+" (WARMER) or „-" (COLDER) button.
The temperature display will change and indicate in flashing numbers the DESIRED temperature that is currently set.

2. Hold down the „+" (WARMER) button until the temperature display indicates H (for holiday). The temperature shown in the temperature display will change in steps of 1 °C until it reaches +8 °C. After +8 °C the value +15 °C will appear in the display with the letter H. The fridge is now operating in energy-saving holiday mode.

ℹ To switch the fridge back to normal operation, press the „-" (COLDER) button.

Important! Do not store any goods in the refrigerator when the holiday mode is in operation. The temperature is regulated at about +15 °C when the holiday mode is in operation. This is too warm for food products.

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Control and Information Systems

The control and information systems consist of the temperature display, an optical warning display and an acoustic warning.
The system warns if:
– if the appliance door remains open for longer than 5 minutes;
– if the temperature in the fridge compartment is too warm;
– functional disturbances at the appliance.

"Open Door"-Warning

If the fridge door is left open for longer than 5 minutes the red warning display will flash and an acoustic warning tone will sound.
If you need more time to load or rearrange refrigerated foods, you can switch off the warning tone by pressing the WARNING OFF button.
The red warning display will go off when the door is closed.

Temperature warning

The red warning light flashes and a warning tone sounds, as soon as the temperature in the refrigerator is warmer than 12 °C. Such a rise in temperature can possibly be put down to:
– opening the door a lot or leaving it open for a long time;
– storing larger quantities of warm food;
– a fault with the appliance.
You can turn off the warning tone using the WARNING OFF button.
The warning light and the warning tone switch off automatically, when the ACTUAL temperature existing in the refrigerator drops under 12 °C again.

Function Errors

If the appliance electronics detects a technical fault that needs to be rectified by customer service, the temperature display shows a square in the upper part of the temperature display. The red warning indicator flashes. The appliance will continue to operate in emergency mode.

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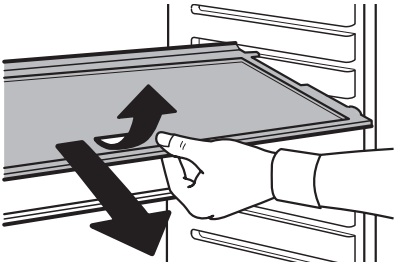
Interior Accessories

Storage Shelves

The shelf in the lowest runners over the fruit and vegetable drawer must always remain in this position, so that fruit and vegetables stay fresher for longer.

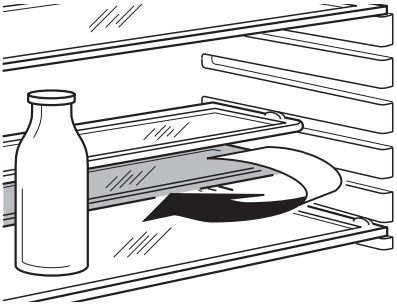
The remaining storage shelves can be adjusted to various heights:



☞ **1.** Pull the storage shelf forward until it can be tipped up or down and removed.

2. To insert at a different height use the same procedure in reverse.

Adjustment for tall items:



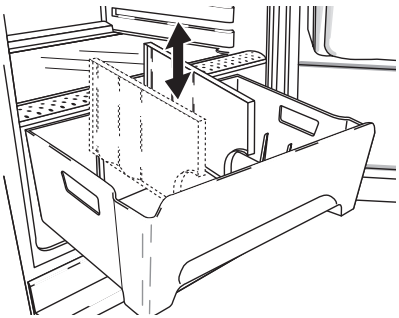
☞ **1.** Remove the front half of the two-part vario glass storage shelf and insert it at a different level. Space is then gained for storage of tall items on the storage shelf below.

Variable Inner Door

The door compartments can be pulled up and removed, and inserted at other positions as needed.

Fruit and Vegetable Drawer

The vegetable drawer can be divided into sections by inserting the dividers.



☞ **1.** Insert the large divider in the middle or to the left side of the vegetable drawer as required.

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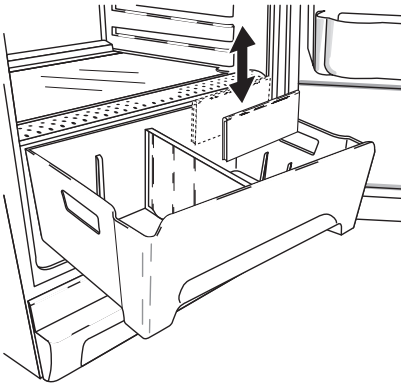
2. If the large divider is inserted in the middle of the drawer the right hand side can be further divided by inserting the small divider in the middle or rear position.



The ventilation grille above the vegetable drawer improves air circulation so that groceries keep for longer.

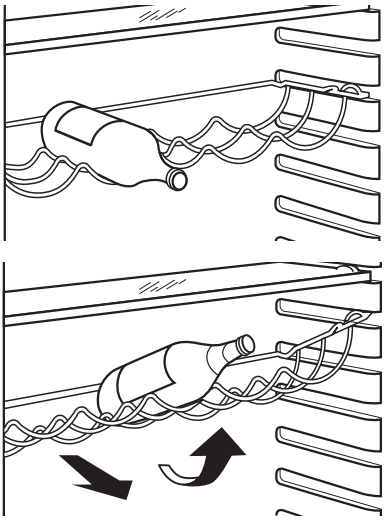
Bottle Rack

Place bottles in the rack with the bottleneck to the front.

Important: Only store unopened bottles horizontally.

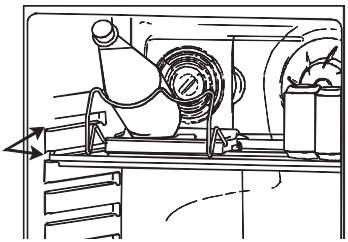
The bottle rack can be tilted for storing opened bottles.

1. To do this pull the bottle rack forward until it can be tilted upwards, then slide the front support into the next level up.



Quick Chill Shelf

The quick chill shelf can be placed in one of the upper grooves. To maintain the best performance the shelf should be placed in the second groove from the top.



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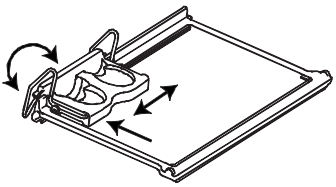
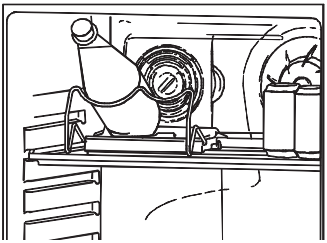
Bottle- and Can Holder

The side of the bottle- and can holder is moveable to enable a more flexible placement of cans and bottles in front of the grid. To alow the holder to be moved easier when moving sideways, press the shelf backwards.



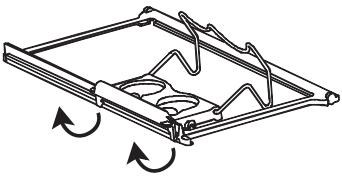
The bottle support can be pulled out when chilling larger bottles.



Dismantling of the Bottle- and Can Holder

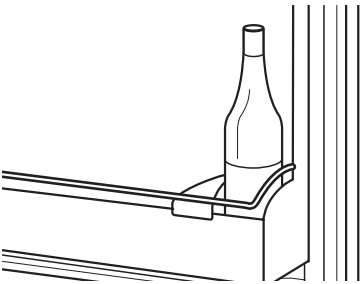
☞ **1.** Take out the quick chill shelf with holder from the cabinet.

2. To loosen the holder from the shelf, bend the hooks/brackets that surround the backside of the shelf.



Bottle Holder

Some models are equipped with a bottle holder in the bottle compartment. This is used to prevent individual bottles from falling over and can be slid sideways.



Opening the Door

If the door is closed when the appliance is in operation, it cannot be immediately opened again, because a vacuum occurs which holds the door closed until pressure has been equalised. The door can be opened again after several minutes.

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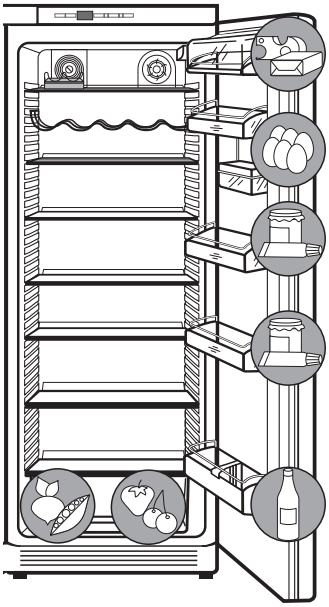
Correct Storage



The cooling fan ensures an even temperature distribution in the fridge. There is a max. temperature difference of 1 °C. Foods with different perishability can therefore be arranged on the shelves as you like, without having to take into account the different temperature zones which usually occur. The temperature in the fruit and vegetable drawer is around 3 - 4 °C higher than the fridge temperature set. The example arrangement opposite shows possible ways of storing food.

Tip: Food stored in the refrigerator compartment should always be covered or packed so that they do not dry out, lose their flavour, or transfer their flavour to any other refrigerated food. The following are suitable for packing:
– polyethylene bags;
– plastic containers with lids;
– special plastic covers with rubber retainers;
– aluminium foil.

Defrosting

The Refrigerator is defrosted automatically

The electronics start the defrosting cycle in the refrigerator every time the compressor stops.
The water collects in the discharge trough at the back wall of the refrigerator, and is fed through the discharge opening in the catch tray at the compressor where it is evaporated.

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Cleaning and Maintenance

For hygienic reasons the appliance interior, including interior accessories, should be cleaned regularly.

Warning!

- The appliance may not be connected to the mains during cleaning. Danger of electrical shock! Before cleaning switch the appliance off and remove the plug from the mains, or switch off or turn out the circuit breaker or fuse.
- Never clean the appliance with a steam cleaner. Moisture could accumulate in electrical components, danger of electrical shock! Hot vapours can lead to the damage of plastic parts.
- Do not use defrosting sprays, they can be hazardous to your health and/or contain substances that damage plastics.
- The appliance must be dry before it is placed back into service.

Attention!

- Ethereal oils and organic solvents can attack plastic parts, e.g.
  - lemon juice or the juice from orange peals;
  - butyric acid;
  - cleansers which contain acetic acid.
    Do not allow such substances to come into contact with appliance parts.
- Do not use any abrasive cleansers.

☞ **1.** Remove the food from the refrigerator. Store it in a cool place, well covered.

2. Switch the appliance off and remove the plug from the mains, or switch off or turn out the circuit breaker or fuse.

3. Clean the appliance and the interior accessories with a cloth and lukewarm water. Commercially available dish washing detergents may also be used.

4. After cleaning wipe with fresh water and rub dry.

Important: Do not use cleaning agents for stainless steel or other aggressive or abrasive cleaning agents. The protective coat of lacquer on the stainless steel surface can be damaged by these.

The coat of lacquer protects against finger prints and therefore additional cleaning agents and maintenance products are no longer required.

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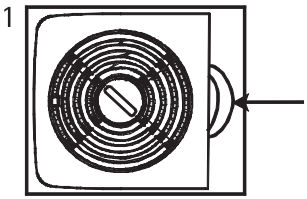
5. Regularly unblock the condensation water drainage hole in the rear wall of the refrigeration chamber using a piece of flexible curtain wire.

Accumulation of dust at the condenser reduces cooling performance and increases energy consumption. For this reason carefully clean the condenser at the back of the appliance once a year with a soft brush or a vacuum cleaner.

6. After everything is dry place appliance back into service.

Change of the carbon filter

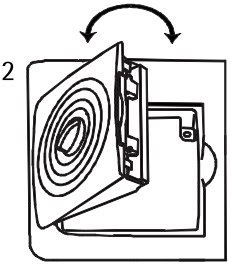
To maintain the best performance the carbon filter should be changed once a year with normal usage.
New carbon filters can be purchased from your local dealer.

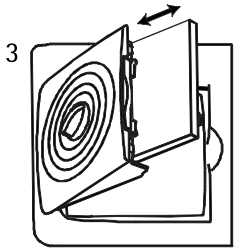


☞ 1. The filter is placed behind the grill and can be reached by opening the cover. The cover can be opened by simultaneously pressing the lever on the right of the grill (1) and turning the cover outward (2).

2. The carbon filter is then pulled out of its slot (3).

3. The new carbon filter is placed in the existing slot.





The filter should be handled carefully so fragments don´t loosen from the surface.

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What to do if ...

Correcting Malfunctions

A malfunction may be caused by only a minor fault that you can rectify yourself using the following instructions. Do not perform any other work on the appliance if the following information does not provide assistance in your specific case.

Warning! Repairs to refrigerators may only be performed by qualified service engineers. Improper repairs can give rise to significant hazards for the user. If your appliance needs repairing, please contact your specialist dealer or our Customer Service.

Malfunction	Possible Cause	Remedy
Appliance does not work, temperature display is not lit.	Appliance is not switched on.	Switch on the appliance.
	Mains plug is not plugged in or is loose.	Insert mains plug.
	Fuse has blown or is defective.	Check fuse, replace if necessary.
	Socket is defective.	Mains malfunctions are to be corrected by an electrician.
Appliance cools too much.	Temperature is set too cold.	Set the temperature to a warmer setting temporarily.
The food is too warm.	Temperature is not properly adjusted.	Please look in the "Temperature Adjustment" section.
	Door was open for an extended period.	Open the door only as long as necessary.
	A large quantity of warm food was placed in the appliance within the last 24 hours.	Press the COOLMATIC button or set the temperature to a colder setting temporarily.
	The appliance is near a heat source.	Please look in the "Installation Location" section.

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Malfunction	Possible Cause	Remedy
Warning tone sounds, red warning display is flashing	Door is opened for longer than 5 minutes	Switch off the warning tone by pressing the WARNING OFF button. Do not leave the door open for longer than necessary.
Red warning light flashing, warning tone sounding	Temperature warning	Please look at "Temperature warning" section.
Temperature display shows a square.	There is a function fault.	Please inform customer service. Do not open the door of the appliance again.
Interior lighting does not work.	Light bulb is defective.	Please look in the "Replace Light Bulb" section.
Heavy build up of frost, possibly also on the door seal.	Door seal is not air tight (possibly after changing over the hinges).	Carefully warm the leaking sections of the door seal with a hair dryer (not hotter than approx. 50 °C). At the same time shape the warmed door seal by hand such that it sits correctly.
Water on the floor or on storage shelves.	Water drain hole is blocked.	See the "Cleaning and Maintenance" section.
Unusual noises.	Appliance is not level.	Readjust the front levelling feet.
	Appliance is in contact with wall or other objects.	Push appliance away a short distance.
	A part at the back of the appliance, e.g. a tube, is in contact with another appliance part or the wall.	Bend this part away carefully if necessary.
The compressor does not start immediately after changing the temperature setting or after pressing the COOLMATIC button.	This is normal, no error has occurred.	The compressor starts after a period of time.

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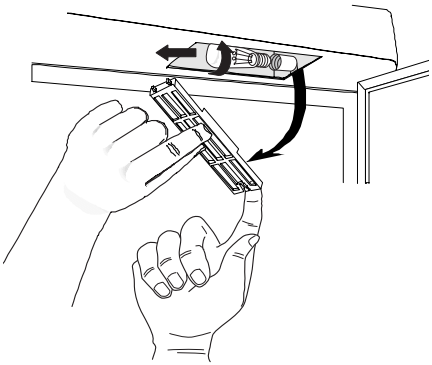
Replacing the light bulb

Warning! Danger of electrical shock! Before replacing the light bulb switch appliance off and remove the mains plug, or switch off or turn out the circuit breaker or fuse.

Light bulb specifications: 220-240 V, max. 25 W, socket: E 14

1. To switch the appliance off press and hold the ON/OFF button.
2. Remove mains plug.
3. For replacement of the light bulb press the cover and remove it like shown on the illustration.
4. Replace defective light bulb.
5. Place the cover again.



Energy Saving Tips

- Do not install the appliance near cookers, radiators or other sources of warmth. High ambient temperatures cause longer, more frequent operation of the compressor.
- Ensure sufficient air circulation and exhaust at the appliance base and at the back wall of the appliance. Never cover air vent openings.
- Do not place warm foods into the appliance. Allow warm foods to cool first.
- Only leave door open as long as necessary.
- Do not set temperature any colder than necessary.
- Always keep the condenser at the back of the appliance clean.

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Noises during Operation

The following noises are characteristic of refrigeration appliances:

- **Clicks**
  Whenever the compressor switches on or off, a click can be heard.
- **Humming**
  As soon as the compressor is in operation, you can hear it humming.
- **Bubbling/Splashing**
  When refrigerant flows into thin tubes, you can hear bubbling or splashing noises. Even after the compressor has been switched off, this noise can be heard for a short time.

Regulations, Standards, Guidelines

This appliance was designed for household use and was manufactured in accordance with the appropriate standards. The necessary measures in accordance with appliance safety legislation regulations (GSG), accident prevention regulations for refrigeration appliances (VBG 20) and the regulations of the German Society of Electrical Engineers (VDE) were observed in the manufacture of this appliance.
The refrigerant circuit has been checked for leaks.

CE This appliance is in accordance with the following EU guidelines:
– 73/23/EWG dated 19 February 1973 - low voltage guidelines.
– 89/336/EWG dated 3 May 1989
(including guideline change notice 92/31/EWG) - EMV guideline

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Technical Terminology

- **Refrigerant**
  Liquids that can be used to a generate a cooling effect are known as refrigerants. They have a relatively low boiling-point, indeed so low, that the warmth from the food stored in the fridge or freezer can cause the refrigerant to boil and vaporise.
- **Refrigerant Circuit**
  Closed circulation system that contains the refrigerant. The refrigerant circuit comprises primarily of an evaporator, a compressor, a condenser and pipe work.
- **Evaporator**
  The refrigerant is evaporated in the evaporator. Similar to all other liquids, refrigerant requires heat to evaporate. This heat is removed from the interior of the appliance, as a result the interior is cooled. The evaporator is therefore located inside the appliance or placed in foam immediately behind the inner wall and thus not visible.
- **Compressor**
  The compressor looks like a small drum. It is driven by a built-in electric motor and is mounted on the base of the appliance at the rear. The task of the compressor is to draw in vaporised refrigerant from the evaporator, to compress it, and to pass it on to the condenser.
- **Condenser**
  The condenser normally has the form of a grid. The refrigerant compressed in the compressor is liquefied in the condenser. During this process, heat is released to the surrounding air at the surface of the condenser. The condenser is mounted on the base of the appliance.

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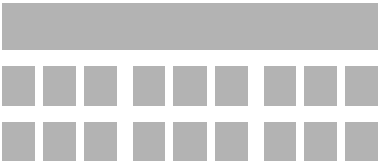
Customer Service

If you cannot find the remedy for a malfunction in these operating instructions, please contact your dealer or our customer service department. Addresses and telephone numbers are listed in the accompanying booklet "Guarantee Conditions/Customer Service Locations".
Selective ordering of replacement parts can save unnecessary travel and costs. For this reason always provide the following appliance information:

- Model Name
- Model Number (PNC)
- Serial Number (S-No.)



This information can be found on the rating plate in the interior of the appliance at the left.

Note: The customer bears the costs of unjustified customer service calls even during the guarantee period.

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